

3 ANSWER 14 OF 71 CA COPYRIGHT 2003 ACS on STN

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TI Conductive inorganic coating for electrochemical corrosion protection of steel reinforcement in **concrete**

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PA Protector AS, Norway

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DT Patent

LA English

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CC 72-6 (Electrochemistry)

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RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
NO 9900509	A	20000807	NO 1999-509	19990204
EP 1155165	A1	20011121	EP 2000-905470	20000203
EP 1155165	B1	20021204		
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AB A method is described for the electrochem. protection of reinforcement in **concrete** in harsh environments, for instance in contact with, or in close proximity to, seawater. On **concrete** a compn. comprising **graphite** dispersed in a curable inorg. binder in the form of **water glass** or another water-sol. inorg. **silicate**, a dispersion agent, optionally together with conventional additives is applied. The application is performed by spraying or brushing. An impregnation is optionally performed, either concurrent with the application of the compn. or thereafter. If necessary a post treatment is performed. Further, the use of the compn. for electrochem. protection of reinforcement in **concrete** in connection with, for instance, quay constructions, bridges, bridge piers and similar constructions is described.

ST conductive inorg coating electrochem corrosion protection steel reinforced **concrete**

*Applicants*

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L1 169574 S GRAPHITE

L2 667 S L1 AND CONCRETE

L3 71 S L2 AND (WATER(W)GLASS OR SILICATE?)

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